

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: :  
A. TROYA et al. : Intl. Application No.: PCT/EP03/11193  
Serial No.: 10/530,595 : Intl. Filing Date: October 09, 2003  
Filed: April 07, 2005 : Priority Date: October 11, 2002  
For: *Multiplex signal error correction method and device*

Commissioner for Patents  
Mail Stop PCT  
ATTENTION: EO/US  
P.O. Box 1450  
Alexandria, VA 22313-1450


INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR §1.56.

While this Information Disclosure Statement (IDS) may be "material" pursuant to 37 CFR §1.56(b), it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service on this date, July 12, 2005, in an envelope with sufficient postage as first-class mail addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Annemarie Maher

In accordance with 37 CFR §1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR §1.56(a) exists.

Enclosed is an International Search Report dated March 01, 2004 issued in International Patent Application No. PCT/EP03/11193 (filed on October 09, 2003), from which the present application has entered the US national phase. Also enclosed is a German Patent Office Search Report dated June 11, 2003 issued in German Patent Application No. 102 48 507.0-42 (filed on October 11, 2002), from which the present application claims priority. Further, enclosed is a Form PTO-1449 listing the cited references. Copies of the cited non-US references are also enclosed herewith (pursuant to the waiver of the USPTO requirement to submit copies of US references).

The relevance of each reference is specifically explained in either the International Search Report, the German Patent Office Search Report or the application specification, and the abstract of each reference provides a concise explanation thereof.

This IDS is being submitted prior to receipt of a first Official Action in this matter; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. If any fee is due, the Commissioner is hereby authorized to charge to deposit account 23-0442 any fee deficiency required to submit this IDS.

Respectfully submitted,



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Dated: July 12, 2005

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO. 536-009.022	SERIAL NO. 10/530,595
	APPLICANT: A. TROYA et al.	
	FILING DATE: April 07, 2005	ART UNIT: To Be Assigned

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/S.P./	2002/0014597	Feb. 07, 2002	<i>Koh et al.</i>			
	2003/0185147	Oct. 02, 2003	<i>Taga et al.</i>			
	2003/0228747	Dec. 11, 2003	<i>Ahn et al.</i>			
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	6,370,188	April 09, 2002	<i>Wu et al.</i>			
	6,656,852	Dec. 02, 2003	<i>Rotondaro et al.</i>			
	5,940,450	Aug. 17, 1999	<i>Koslov et al.</i>			
	6,438,173	Aug. 20, 2002	<i>Stantchev</i>			
	5,912,876	June 15, 1999	<i>H'mimy</i>			
/S.P./	4,648,100	Mar. 03, 1987	<i>Mardirosian</i>			

FOREIGN PATENT DOCUMENTS

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	0 838 928	April 29, 1998	EP			
	WO 99/56424	Nov. 04, 1999	PCT/WIPO			
	WO 01/20863	Mar. 22, 2001	PCT/WIPO			
/S.P./	WO 97/41672	Nov. 06, 1997	PCT/WIPO			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

/S.P./	1	IEEE Std 802.11a-1999, supplement to IEEE standard for information technology, "Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications - High speed physical layer in the 5 GHz band," XP-002269120, IEEE 1999.
/S.P./	2	M. Krstic et al., "Implementation of an IEEE 802.11a compliant low-power baseband processor," <i>Telsiks 2003</i> , Serbia and Montenegro, Nis, October 1-3, 2003, XP-002269119, pp. 97-100.
/S.P./	3	V. Mignone et al., "CD3-OFDM: A novel demodulation scheme for fixed and mobile receivers," <i>IEEE Transactions on Communications</i> , vol. 44, no. 9, September 1996, pp. 1144-1151.

Examiner (To be assigned) /Sudhanshu Pathak/	Date: 05/23/2008
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**FORM PTO-1449**  
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

/S.P./	4	P. Robertson et al., "Analysis of the effects of phase-noise in orthogonal frequency division multiplex (OFDM) systems," IEEE 1995, pp. 1652-1657.				
/S.P./	5	M. Speth et al., "Optimum receiver design for wireless broad-band systems using OFDM - Part I," <i>IEEE Transactions on Communications</i> , vol. 47, no. 11, November 1999, pp. 1668 - 1677.				

Examiner (To be assigned)

/Sudhanshu Pathak/

Date:

05/23/2008